John Hossler

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github.com/jmhossler

Skillsets

- **Languages:** Python, C, C++, Go, Javascript, Bash

- **Methodologies:** Agile, Clean Code, Pair Programming, SAFe

- **Utilities:** Bash, git, vim, LaTeX, Docker, Pytest, Tox, PyPi, Artifactory, Jenkins, Robot Framework, Jira, Confluence, Restconf

- **Operating Systems:** Linux (several distributions), Mac OS X, Windows

Education

- **The University of Alabama**   Tuscaloosa, AL
  B.S. Computer Science   *May 2018*
  - Engineering Leadership Scholarship recipient
  - Presidential Scholarship recipient
  - Minors: Physics

Career Experience

- **Adtran**   Huntsville, AL
  Co-Op 1st Term   *May 2016 - August 2016*
  - Wrote scripts to standardize the company's existing automation libraries on PEP8 coding style.
  - Reworked automation libraries to better utilize coding principles like inheritance, encapsulation, and DRY code.
  - Provided documentation and training for tools created during term.
  - Began the conversion of the company's AP simulator from using VMs to Docker images.

  Co-Op 2nd Term   *Jan 2017 - August 2017*
  - Worked on test automation software to help with Continuous Integration goals in the company.
  - Helped refactor existing packages to ease testing and increase test coverage.
  - Segmented existing packages into more granular packages to isolate functionality.
  - Created visualization tool for increased visibility on test case health.
  - Participated and won category in Hackathon event.
  - Gave internal tech talks on tools that I made.
  - Monitored Continuous Integration Pipeline and helped recover testbeds, noting bugs to be fixed.

  Co-op 3rd Term   *August 2017 - December 2017*
  - Used Jenkins to automate the maintenance of permissions between Github Repositories and corresponding Jenkins Jobs.
  - Created promotion model for group on Artifactory.
  - Added functionality to a private Github administration Python tool.
  - Performed general adminstration tasks on Jenkins, Artifactory, and Github.
  - Participated and won 3rd Place in Hackathon event for a voting tool.